

RECEIVED
CENTRAL FAX CENTER

FEB 07 2006

AMENDMENTS TO THE SPECIFICATION

Amend the paragraph found on page 1, lines 9-19 as set forth below:

With the development of modern network networks, people have increasingly obtained various information services via network. For example, they are now able to obtain a variety of information from the world via the Internet. On the other hand, owing to the fast development of wireless communication and electronic technology, mobile phones phone and many other portable devices have become very popular, and more and more people are beginning to access various information services through these wireless devices. A typical information service like a digital map is being widely used. With the help of the digital map, people could make an inquiry via the network to determine the location where he/she is destination, etc.. However, due to its small size, the number of input keys of a conventional mobile phone is limited, ~~and moreover,~~ Further, for lack of a pointing device such as a mouse, the ability of a mobile phone which serves as a user device is restricted with respect to ~~of~~ accessing information service, services, such as digital map information service services.

Amend the paragraph found on page 2, lines 25-26 as follows:

Fig. 5 is a system for providing service information on a server for a user device according to another embodiment of the present invent invention;

JP920000293-US1

-2-

Amend the paragraph found on page 3, lines 6-7 as follows:

Fig. 1 shows a system for providing service information ~~on~~ from a server to ~~for~~ a user device according to an embodiment of the present ~~invent~~ invention.

Amend the paragraph found on page 4, lines 8-9 as follows:

Now, the method for providing the map information on the server for the user device 1 according to an ~~the~~ embodiment of the invention will be ~~described~~ described in ~~details~~ detail.

Amend the paragraph found on page 4, lines 10-17 as follows:

Referring to Fig. 2, the method according to the present invention starts at step S21. At step S22, a user inputs a user input command through the user device 1. As an example of the invention, the user device 1 ~~of as shown in~~ Fig. 1 ~~is~~ may be a mobile phone. It is well known by those skilled in the arts that the number of input ~~keys~~ key of a mobile phone is limited due to its small size ~~[I,J]~~ and its input capacity is accordingly limited. Moreover, ~~and moreover,~~ for lack of a pointing device such as a mouse, the function of the mobile phone is restricted with respect to ~~of~~ browsing map information. With regard to the above problem, the details on how the system according to the present invention provides the map information for the user device 1 will be described now.

JP920000293-US1

-3-

Amend the paragraph found on page 5, lines 3-10 as follows:

Further, following step S25, the process proceeds to step S26. At step S26, the interprets interpreter means 22 interpreter interprets the corresponding user input command according to the data corresponding to the user input command, which is obtained from the database. Then, the process proceeds to step S27. At step S27, the command processing means 2 transmits the interpreted user input command to the server 3. Next, at step S28, the server 3 provides corresponding map information for the user device 1 according to the received interpreted user input command. In this way, the user device 1 is capable of browsing the map information provided on the server 3 according to the user input command thereof.

Amend the paragraph found on page 5, lines 13-21 as follows:

Referring to Fig. 3, it can be seen that the data included in the database 23 comprise a user identifier D1, the type of user device D2, service mapping parameter D3 and other parameter parameters, up to DN. The user identifier D1 is used for identifying the identity of the user who inputs a user input command. The type of user device D2 is used for indicating the type of the user device by which the user inputs the command, for example where code 001 denotes a device having a QWERTY keyboard, the code 010 denotes a mobile phone, and the code 011 denotes a PDA, etc.. In addition, the service mapping parameter D3 is used for JP920000293-US1

indicating the corresponding service provided by the server when the user input command inputted through the user device 1 has been mapped into the server.

Amend the paragraph found on page 7, lines 9-26 as follows:

The command processing means 2 as depicted in Fig. 5 also includes a RAM (random access memory) 21 used for temporarily storing the user input command input from the user device, and a database 23 where various data such as user identifier [[,]] and the type of user device are stored. The command processing means 2 further comprises an interpreter means, which is used for reading the user input command temporarily stored in RAM 21, and comparing the read user input command with the data stored in the database so as to interpret the user input command inputted by the user device 1. Moreover, the command processing means 2 as shown in Fig. 5 also includes a modifying means 24, which is used for receiving the input command from the user device 1 or the data from the server 3 so as to modify the data stored in database 23. As a typical example, the user device 1 may modify a user identifier, the type of user device and service mapping parameters in the database 23 by means of the modifying means 24. Still taking the service mapping parameters as shown in Fig. 4 as an example, as the above described "*2" represents zooming out with the scale of 2, while "***8" represents zooming in with the scale of 8. Through the modifying means 24 as shown in Fig. 5, the user device 1 [[24]] can modify the service mapping parameters. For instance, after the modification, "#2" can be used to represent zooming out with the scale of 2, while "###8" can

JP920000293-US1

-5-

be used to represent zooming in with the scale of 8. Thus, depending on its own requirements, the user device may easily access various information provided by the server by means of modifying the data stored in the database.

Amend the paragraph found from page 8, line 10 through page 9, line 3 as follows:

Referring to Fig. 6, the method according to the present invention starts at step S61. At step S62, a user inputs a user input command through the user device 1. As an example of the invention, the user device 1 of as shown in Fig. 6 is may be a PDA. After the user input command has been inputted, the process proceeds to S63. At step S63, the user device 1 instructs the modifying means 24 to modify the data stored in the database 23 in the command processing means 2. At step S64, the modifying means 24 modifies the service mapping parameters or the like stored in the database 23. Then, the process proceeds to step S65. At step S65, the user input command from the user device 1 is transmitted to the RAM 21 of the command processing means 2 for the temporary storage. Then, the process proceeds to step S66. At step S66, the interpreter means 22 of the command processing means 2 reads the user input command stored in the RAM 21 at first. Then, the interpreter means 22 of the command processing means 2 accesses the user data prestored in the database 23 or the data having been modified, and compares comparing the user input command in the RAM 21 with the user data in the database 23. Then, the process proceeds to step S67. At step S67, the data corresponding to the user input command are obtained from the database. Then, the process proceeds to step S68. At

JP920000293-US1

-6-

step S68, the interpreter means 22 interprets ~~corresponding~~
~~the user input~~ command according to the data corresponding
to the user input commands, which are obtained from the
database. Then, the process proceeds to step S69. At step
S69, the command processing means 2 transmits the
interpreted user input command to the server 3. Next, at
step S610, the server 3 provides corresponding map
information for the user device 1 according to the received
user input command. In this way, the user device 1 is
capable of browsing the map information provided on the
server 3 according to the user input command thereof. Then,
the process ends at step S611.